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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

SECURITIES BLDG.

HELENA, MONTANA

VOL. VI, No. 12 McKEE PRINT. December, 1958

Production of crude oil and condensate from the oil and gas areas of Montana for the month of December, 1958, averaged 78,472 barrels daily, an increase of 595 barrels from the average November production of 77,877.

The ten refineries in the State processed 65,787 barrels of crude oil daily for the month of December, 1958, a decrease of 7,569 barrels daily from the 73,356 barrels processed daily during the month of November, 1958.

During December, 35 wells were completed, 18 oil, 0 gas wells and 17 dry holes.

During December, the Commission issued 33 permits to drill new wells, a decrease of 9 from the 42 permits issued during November.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF DECEMBER, 1958

IN STORAGE DECEMBER 1st:	
By Producers	368,512
By Transporters	630,528
By Refiners	512,852
TOTAL STORAGE	1,511,892
Produced in Montana During Month	2,432,647
Imported During Month	1,459,082
TOTALS	5,403,621
DISPOSITION:	
Refined in Montana	2,039,411
Exported	1,788,032
Used for Fuel or Lost	7,446
TOTAL	3,834,889
IN STORAGE DECEMBER 31st:	
By Producers	342,798
By Transporters	707,901
By Refiners	518,033
TOTAL STORAGE	1,568,732

NATURAL GAS WITHDRAWALS IN MONTANA

Month of December, 1958

Field	M Cu. Ft.
Bears Den	0
Big Coulee	93,890
Bowdoin	550,739
Bowes	149,190
Box Elder	0
Cabin Creek	77,631
Cedar Creek	897,777
Clarks Fork	89,018
Cut Bank (Including Reagan)	1,385,870
Devon	0
Dry Creek	213,840
Elk Basin	79,232
Flat Coulee	39,067
Golden Dome	714
Hardin	2,971
Keith Block	173,038
Kevin Sunburst	129,676
Pine	78,050
Plevna	17,947
Utopia	88,381
Whitlash	119,995
Miscellaneous	38,709
TOTAL	4,225,735

Total Withdrawals for December, 1957 were 3,897,538 M Cu. Ft.

PRODUCERS REPORT
MONTH OF DECEMBER, 1958

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	682	2,950	.....	2,899	.....	733
1	Bannatyne	3	2,118	129	.....	.....	.....	2,247
	Belfry	....	45	.....	.....	.....	.....	45
11	Big Wall	25	4,012	14,540	.....	14,242	.....	4,310
10	Blackfoot	14	3,245	8,154	.....	9,206	216	1,977
4	Border	4	.....	1,142	.....	1,142	.....	.....
20	Bowes	83	7,329	29,745	30,577	.....	.....	6,497
1	Bredette	1	1,597	616	593	.....	.....	1,620
5	North Bredette	5	3,995	12,510	13,637	.....	.....	2,868
2	Brorson	2	1,874	1,788	776	.....	.....	2,886
2	Bynum	2	255	.....	.....	.....	.....	255
2	Cabin Creek	86	8,287	402,576	404,586	.....	.....	6,277
29	Cat Creek	88	6,680	13,766	11,233	4,579	.....	4,634
1	Clark's Fork	1	817	119	.....	630	.....	306
3	Clark's Fork North	5	2,626	37,681	.....	38,347	.....	1,960
2	Cupton	2	1,673	1,265	1,354	.....	5	1,579
357	Cut Bank	1,153	127,465	170,002	176,401	.....	.....	121,066
3	Deer Creek	6	2,043	17,530	17,594	.....	.....	1,979
4	Delphia	5	1,071	4,571	.....	4,024	.....	1,618
4	Devil's Basin	5	780	413	.....	414	.....	779
5	Dry Creek	6	1,131	6,032	6,199	.....	.....	964
20	Elk Basin	57	9,380	294,592	295,872	.....	.....	8,100
2	Fertile Prairie	3	1,380	1,083	1,455	.....	.....	1,008
2	Frannie	2	1,641	2,819	3,165	.....	.....	1,295
2	Gage	2	1,196	1,517	.....	1,746	54	913
4	Gas City	12	3,869	22,540	22,407	.....	.....	4,002
6	Glendive	12	7,997	47,879	51,897	.....	.....	3,979
3	Gypsy Basin	3	1,154	834	.....	363	.....	1,625
1	Hawk Creek	1	.....	1,245	.....	799	.....	446
5	Ivanhoe	13	5,045	24,932	.....	25,394	.....	4,583
195	Kevin-Sunburst	1,433	18,403	60,804	61,875	.....	74	17,258
2	Line Coulee	2	2,375	1,708	2,995	.....	.....	1,088
1	Little Beaver	7	2,419	13,121	13,055	.....	.....	2,485
3	East Little Beaver	5	2,261	8,908	9,255	.....	.....	1,914
5	Melstone	7	3,724	7,392	.....	7,649	.....	3,467
1	Monarch	1	1,115	5,815	6,316	.....	.....	614
2	Mosser	6	550	.....	.....	.....	.....	550
11	Outlook Area	14	11,206	61,917	62,917	.....	.....	10,206
10	Pennel	21	8,150	46,649	48,763	.....	.....	6,036
6	Pine	135	21,345	438,827	441,052	.....	736	18,384
74	Pondera	344	8,638	46,242	46,174	.....	447	8,259
11	East Poplar	103	19,692	321,858	321,196	.....	26	20,328
3	Northwest Poplar	4	639	1,728	1,742	.....	.....	625
3	Ragged Point	7	2,089	10,401	.....	11,366	.....	1,124
1	Rattlesnake Butte	1	116	.....	.....	.....	.....	116
1	Un-named-Sheridan County	1	.....	3,413	1,817	.....	.....	1,596
4	Reagan	44	3,374	12,966	13,300	.....	.....	3,040
3	Red Creek	3	1,612	1,758	.....	1,131	.....	2,239
1	Repeat	1	522	1,902	1,832	.....	.....	592
5	Richey	9	4,661	11,551	11,367	.....	.....	4,845
2	Snyder	4	2,064	1,390	.....	2,057	.....	1,397
4	Soap Creek	17	3,476	5,910	.....	6,234	.....	3,152
1	Southwest Richey	2	1,547	3,646	4,113	.....	.....	1 080
2	Stensvad	2	.....	2,864	.....	.....	.....	2,864
22	Sumatra	72	14,494	158,551	154,905	3,547	.....	14,593
4	Sweetgrass Hills	4	578	579	.....	383	.....	774
9	Whitlash	30	13,083	5,526	3,804	908	495	13,402
5	Wills Creek	9	3,814	22,473	23,445	.....	.....	2,842
9	Wolf Springs	20	5,702	49,203	48,813	.....	.....	6,092
2	Woodrow	2	976	2,313	2,766	.....	.....	523
1	Yellowstone	1	500	262	.....	.....	.....	762
915		3,916	368,512	2,432,647	2,319,248	137,060	2,053	342,798

Total Oil Produced and Shipped From Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1957	27,121,962	74,306	27,037,808	74,076
First Quarter, 1958	6,728,571	74,761	6,644,211	73,824
Second Quarter, 1958	6,951,369	76,388	6,965,486	76,543
Third Quarter, 1958	7,079,598	76,952	7,050,433	76,635
Fourth Quarter, 1958	7,197,111	78,229	7,218,446	78,461

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1957	319,586	745,067	776,264	1,804,917
March, 1958	380,210	712,578	601,535	1,694,323
June, 1958	351,180	624,029	526,399	1,501,608
September, 1958	371,467	642,156	658,405	1,672,028
December, 1958	342,798	707,901	518,033	1,568,732

*Includes Wyoming Oil

TRANSPORTERS REPORT

MONTH OF DECEMBER, 1958

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,899				2,899		
BIG WALL—Truck			14,242				14,242		
BLACKFOOT—Union Oil Co.			9,204			9,204			
BORDER—Truck			1,142			1,142			
BOWES—									
Trigood Oil Co.	4,881	5,675					4,995		5,561
The Texas Co.		24,902				24,902			
	4,881	30,577				24,902	4,995		5,561
BRORSON—Sun Oil Company		776					776		
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	293,842	934,177		472,002	23		1,364,377		335,621
Shell Pipe Line Corp.	4,319	95,083			(134)			97,665	1,871
	298,161	1,029,260		472,002	(111)		1,364,377	97,665	337,492
CAT CREEK—									
Continental Pipe Line Co.	7,535	11,233			(436)	12,101			7,103
Wm. Hanlon			4,579			4,579			
	7,535	11,233	4,579		(436)	16,680			7,103
CLARK'S FORK—Truck			38,977				38,977		
CUT BANK—									
Big West Oil Co.		1,083		15,140		16,223			
Darling Gathering System, Inc.	1,687	5,934			116			5,874	1,631
Phillips Petroleum Co.	32,305	44,189		14,331	253	31,479		21,785	37,308
Texas Pipe Line Co.	34,703	31,888		13,424	246	17,593		21,828	40,349
Toronto Pipe Line Co.	15,009	48,222			(83)			37,815	25,499
Union Oil Co.	161,109	45,670		30,854	81	59,187			178,365
	244,813	176,986		73,749	613	124,482		87,302	283,151
DEVILS BASIN—Truck			414				414		
DELPHIA—Truck			4,024			4,024			
DRY CREEK—Ohio Oil Co.	6,463	6,199			186	2,525			9,951
ELK BASIN—Ohio Oil Co.		295,872				2,703	293,169		
FRANNIE—Ohio Oil Co.		3,165					3,165		
GAGE—Truck			1,746				1,746		
GLENDIVE, DEER CREEK & WOODROW—									
The Texas Pipe Line Co.	4,706	72,257			(467)		33,441	32,769	11,220
GYPSY BASIN—Truck			363			363			
HAWK CREEK—Truck			799				799		
IVANHOE—Truck			25,394			1,966	23,428		
KEVIN-SUNBURST—									
Big West Oil Co.	2,819	46,966				46,575			3,210
Homestake Oil & Gas Co.	1,035	3,580		5,874	594	9,528			367
The Texas Pipe Line Co.	4,082	38,313			713	37,600			4,082
	7,936	88,859		5,874	1,307	93,703			7,659
MELSTONE—Truck			7,649			7,649			
PONDERA—Phillips Petr. Co.	34,444	46,172		7,454	(573)	62,334			26,309
POPLAR, BREDETTE, OUTLOOK & LINE COULEE—									
East Poplar Gathering System	11,147	349,328			327			341,567†	18,581
RAGGED POINT—Truck			11,366			11,366			
REAGAN—Union Oil Co.		13,300				13,300			
RED CREEK—									
Truck			1,131			1,131			
SNYDER—Truck			2,057				2,057		
SOAP CREEK—Truck			6,234			6,234			
SUMATRA—									
Power River Pipe Line Inc.	5,783	154,905			(177)	160,865			
Truck			3,547				3,547		
	5,783	154,905	3,547		(177)	160,865	3,547		
SWEETGRASS HILLS—Truck			383			383			
WHITLASH—									
Homestake Oil & Gas Co.	52			3,533	46	3,539			
Western Natural Gas Co.	379	3,804						3,309	874
Truck			908			908			
	431	3,804	908	3,533	46	4,447		3,309	874
WOLF SPRINGS—									
Powder River Pipe Line Co.	4,228	49,172			(100)	53,500			
TOTALS	630,528	2,331,865	137,058	562,612	615	602,903	1,788,032	562,612	707,901

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF DECEMBER, 1958

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phillips Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Blackfoot										9,194	9,194
Border	1,142										1,142
Bowes				19,846							19,846
Cat Creek			11,803			3,572					15,375
Clark's Fork					637						637
Cut Bank	16,446						39,708	38,936		53,195	148,285
Delphia						3,267					3,267
Devils Basin						226					226
Dry Creek					4,504						4,504
Elk Basin		147,204	66,808								214,012
Gypsy Basin	363										363
Ivanhoe						1,415					1,415
Kevin-Sunburst	42,994							1,365			44,359
Melstone					1,583						1,583
Pondera							54,023				54,023
Reagan										13,301	13,301
Soap Creek									5,217		5,217
Sumatra		125,403			18,705						144,108
Sweetgrass Hills	383										383
Whitlash										1,232	1,232
Wolf Springs		42,834									42,834
Total Montana Oil	61,328	315,441	78,611	19,846	25,429	8,480	93,731	40,301	5,217	76,922	725,306
Canadian Oil Imported											
Wyoming Oil Imported		680,502	274,166		359,437						1,314,105
TOTAL, Mont., Candian and Wyoming Oil	61,328	995,943	352,777	19,846	384,866	8,480	93,731	40,301	5,217	76,922	2,039,411

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1957	25,264	575	37,438	63,277
December, 1957	20,645	95	41,416	62,156
December, 1958	23,397	....	42,390	65,787

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
40.13%	.40%	59.47%
33.21%	.15%	66.64%
35.56%		64.44%